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(54) Title: COMPOSITIONS AND METHODS RELATED TO FLAVIVIRUS ENVELOPE PROTEIN DOMAIN III ANTIGENS

(57) Abstract: The present invention concerns methods and compositions involving flavivirus envelope protein domain III antigens for the detection of virus and detection of antibodies against the virus. Such methods and compositions may be used to detect TBE serocomplex viruses or West Nile virus infection in a subject, patient, animal or biological fluid. The present invention also concerns kits for implementing such methods. In some embodiments, kits contain a recombinant TBE serocomplex virus or West Nile virus envelope protein domain III antigen.



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